



Atty. Docket No.: VI/96-019.PCT.US.D.C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SPOHN et al.

Serial No.: 10/065,668

Filed: November 7, 2002

Title: FRONT-LOADING SYRINGE ADAPTER FOR
FRONT-LOADING MEDICAL INJECTOR

Art Unit: 3763

Examiner: C. L. Rodriguez

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being filed in accordance with 37 C.F.R.

§§ 1.56, 1.97 and 1.98. The items listed on the attached Forms PTO-1449 may be deemed to be relevant to the patentability of the above-identified application, and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

The references cited in the attached Forms PTO-1449 have been disclosed and/or made of record in related Application Serial Nos: 09/125,454 (now U. S. Patent No. 6,336,913); and 09/631,422, and copies thereof may be found in the corresponding application files.

Co-pending Applications

Applicant wishes to bring a number of co-pending applications to the Examiner's attention. These applications are directed to syringe adapters and may contain subject matter related to that disclosed and/or claimed in the present application.

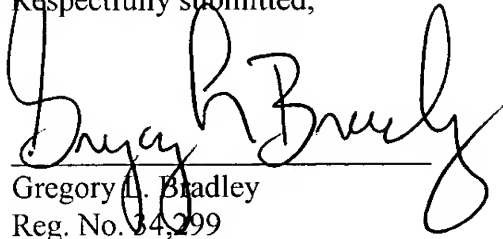
- U.S. Pat. App. Publ. No. 2001/0011163, filed on March 21, 2001;
- U.S.S.N. 09/633,299, filed on August 8, 2000; and
- U.S.S.N. 09/814,020, filed on March 21, 2001.

The Examiner is respectfully requested to initial the attached Forms PTO-1449 to indicate consideration of the references, and to return copies of the initialed forms to the undersigned counsel.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits, and NO FEE is due for consideration of this Information Disclosure Statement.

Date: November 21, 2003

Respectfully submitted,


Gregory L. Bradley
Reg. No. 34,299

Medrad, Inc.
One Medrad Drive
Indianola, PA 15051
(412) 767-2400 x3021



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I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on November 21, 2003, with sufficient postage as first-class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): SPOHN et al.

Docket No.

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Serial No.

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Filing Date

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Examiner

C. L. Rodriguez

Group Art Unit

3763

Invention: **FRONT-LOADING SYRINGE ADAPTER FOR FRONT-LOADING MEDICAL INJECTOR**



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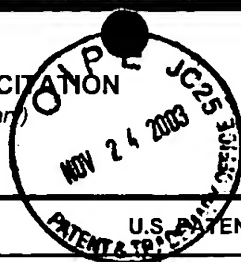
SPOHN et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,880,163	4/29/1975	Ritterskamp			
	AB	4,006,736	2/8/1977	Kranys et al.			
	AC	4,067,479	1/10/1978	Moline			
	AD	4,342,312	8/3/1982	Whitney et al.			
	AE	4,465,473	8/14/1984	Ruegg			
	AF	4,563,175	1/7/1986	LaFond			
	AG	4,650,465	3/17/1987	Langer et al.			
	AH	4,677,980	7/7/1987	Reilly et al.			
	AI	4,695,271	9/22/1987	Goethel			
	AJ	4,978,335	12/18/1990	Arthur, III			
	AK	5,269,762	12/14/1993	Armbruster et al.			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	0 346 950	12/20/1989	EPO				
	AM	0 561 122	9/22/1993	EPO				✓
	AN	0 567 186	10/27/1993	EPO				
	AO	0 665 027	8/2/1995	EPO				
	AP	9-122234	5/13/1997	Japan			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	International Search Report for PCT Counterpart Application No. PCT/US97/05014.
	AR	International Search Report for PCT Application No. PCT/US00/20623.

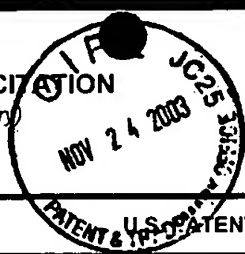
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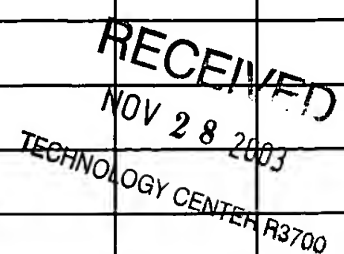
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AS	5,279,569	1/18/1994	Neer et al.			
	AT	5,300,031	4/5/1994	Neer et al.			
	AU	5,322,511	6/21/1994	Armbruster et al.			
	AV	5,383,858	1/24/1995	Reilly et al.			
	AW	5,456,670	10/10/1995	Neer et al.			
	AX	5,494,036	2/27/1996	Uber, III et al.			
	AY	5,520,653	5/28/1996	Reilly et al.			
	AZ	5,535,746	7/16/1996	Hoover et al.			
	BA	5,662,612	9/2/1997	Niehoff			
	BB	5,681,286	10/28/1997	Niehoff			
	BC	5,741,232	4/21/1988	Reilly et al.			



FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BD	8-336592	12/24/1996	Japan			✓	
	BE	WO 95/26211	10/5/1995	WIPO				
	BF	WO 95/20410	8/3/1995	WIPO				
	BG	WO 97/36635	10/9/1997	WIPO				
	BH	WO 99/10032	3/4/1999	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

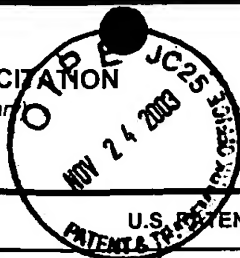
	BI	Drawing of Dual Flange Injector Head (publicly disclosed in July 1995).
	BJ	Medrad MCT/MCT Plus Operation Manual, KMP 810P, Revision B, pgs. 4-18 to 4-22 and 6-1 to 6-13 (1991).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BK	5,779,675	7/14/1998	Reilly et al.			
	BL	5,795,333	8/18/1998	Reilly et al.			
	BM	5,865,805	2/2/1999	Ziemba			
	BN	5,873,861	2/23/1999	Hitchins et al.			
	BO	5,899,885	5/4/1999	Reilly et al.			
	BP	5,913,844	6/22/1999	Ziemba et al.			
	BQ	5,928,197	7/27/1999	Niehoff			
	BR	5,938,639	8/17/1999	Reilly et al.			
	BS	5,944,694	8/31/1999	Hitchins et al.			
	BT	5,947,929	9/7/1999	Trull			
	BU	5,997,502	12/7/1999	Reilly et al.			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BV	WO 01/08727	2/8/2001	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		BW	Liebel-Flarsheim Company, Angiomat 6000 Digital Injection System Operator's Manual, 600950, Rev 1, pgs. 3-6 to 3-8, 4-52 to 4-56 (1990).
		BX	Liebel-Flarsheim Company, Angiomat 6000 Contrast Delivery System Brochure (1992).

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DOMESTIC DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BY	6,080,136	6/27/2000	Trull et al.			
	BZ	6,082,597	7/4/2000	Beckett et al.			
	CA	6,241,708	6/5/2001	Reilly et al.			5/7/1999
	CB	6,312,410	11/6/2001	Yamamoto			2/23/1996
	CC	6,336,913	1/8/2002	Spohn et al.			8/19/1998
	CD	RE37,487	12/25/2001	Reilly et al.			7/7/2000
	CE	2001/0011163	8/2/2001	Nolan, Jr. et al.			3/21/2001

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	CF	Liebel-Flarsheim Company, Angiomat CT Digital Injection System Operator's Manual, 600964, pgs. 1-3 to 1-4, 3-7 to 3-9, 4-37 to 4-39 (1990).
	CG	Liebel-Flarsheim Company, Angiomat CT Digital Injection System Operator's Manual, 600964, Rev. A, pgs. 1-5, 3-12, 4-18 to 4-51 (1991).

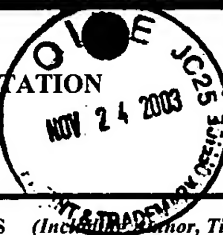
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Docket Number (Optional)

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3763

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OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, Etc.)

CH

Liebel-Flarsheim Company, CT 9000 Digital Injection System Operators Manual, 800950, Rev. F, pgs. 5-24 through 5-38 (1995).

CI

Liebel-Flarsheim Company, CT 9000 ADV Digital Injection System Manual, 800961-B, Pgs. 1-4 to 1-16 (February 1988).

CJ

U.S.S.N. 09/633,299, filed 8/8/2000.

CK

U.S.S.N. 09/814,020, filed 3/21/2001.

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